

05/25/01

1054 U.S. PTO

TI-1787

S-29-01

47PTO/SB/05 (12/97) OMB 0651-0032

17

Please type a plus sign (+) inside this box → **[+]**

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Attorney Docket No.

**068354.1098**Total  
Pages**55, &  
2 checks**

First Named Inventor or Application Identifier

**PALMER, ET AL.**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No.

**EL477922231US**

ADDRESS TO:

ASSISTANT COMMISSIONER FOR PATENTS

BOX PATENT APPLICATION

WASHINGTON, D.C. 20231

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification Total Pages [ 39 ]  
(preferred arrangement below) (includes cover sheet)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) Total Sheets [ 5 ]  
Total Pages [ 44 ]
4. ☒ Oath or Declaration
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)

**ACCOMPANYING APPLICATION PARTS**

7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above  
copies
8. ☒ Assignment Papers (cover sheet & document(s)) ✓
9. ☐ 37 CFR 3.73(b) Statement  
[ ☒ ] Power of Attorney (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449  
[ ☐ ] Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity Statement(s)  
[ ☐ ] Statement filed in prior application.  
Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other:
  - a. Check #739089 in the amount of \$1,244.00  
for filing fee plus additional claim;
  - b. Check #739090 in the amount of \$40.00 for  
Assignment Recordation

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

|         |  |           |              |          |              |
|---------|--|-----------|--------------|----------|--------------|
| NAME    | PAUL N. KATZ (REG. NO. 35,917)               |           |              |          |              |
|         | BAKER BOTTS L.L.P. (PTO CUSTOMER NO. 023640) |           |              |          |              |
| ADDRESS | ONE SHELL PLAZA                              |           |              |          |              |
|         | 901 LOUISIANA STREET                         |           |              |          |              |
| CITY    | HOUSTON,                                     | STATE     | TEXAS        | ZIP CODE | 77002-4995   |
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MTI-1787

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44 U.S. PTO

**FEE TRANSMITTAL**NOTE: Effective October 1, 1997  
Patent fees are subject to annual revision

Complete if Known

Application Number *To be Assigned*Filing Date **May 25, 2001**First Named Inventor **Palmer, et al.**Group Art Unit *To be Assigned*Examiner Name *To be Assigned*TOTAL AMOUNT OF PAYMENT **\$1,244.00; \$40.00**  
(2 separate checks)Attorney Docket Number **068354.1098****METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account No.: **02-0383**  
Deposit Account Name: **Baker Botts L.L.P.**

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☐
- Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance
- 
- 2.
- ☒
- Payment Enclosed:
- 
- ☒
- Checks (2)
- ☐
- Money Order
- ☐
- Other

**FEE CALCULATION****1. FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid  |
|----------------|-----------------|----------------|-----------------|------------------------|-----------|
| 101            | 710             | 201            | 380             | Utility filing fee     | \$ 710.00 |
| 106            | 310             | 206            | 155             | Design filing fee      | \$        |
| 107            | 480             | 207            | 240             | Plant filing fee       | \$        |
| 108            | 760             | 208            | 380             | Reissue filing fee     | \$        |
| 114            | 150             | 214            | 75              | Provisional filing fee | \$        |

**SUBTOTAL (1) \$ 710.00****2. CLAIMS**

| Total Claims   | Extra | below | Fee from | Fee Paid |
|--|-------|-------|----------|----------|
| [ 23 ] - 20 = [ 3 ] x [ 18. ] = \$ 54.00                   |       |       |          |          |
| Independent Claims [ 9 ] - 3 = [ 6 ] x [ 80. ] = \$ 480.00 |       |       |          |          |
| Multiple Dependent Claims [ ] x [ 270. ] = \$              |       |       |          |          |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   |
|----------------|-----------------|----------------|-----------------|---|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                  |
| 102            | 80              | 202            | 39              | Independent claims in excess of 3                       |
| 104            | 270             | 204            | 130             | Multiple dependent claim                                |
| 109            | 78              | 209            | 39              | Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2) \$ 534.00****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 105            | 130             | 205            | 65              | Surcharge - late filing fee or oath  | \$       |
| 127            | 50              | 227            | 25              | Surcharge - late provisional filing fee or cover sheet                     | \$       |
| 139            | 130             | 139            | 130             | Non-English specification  | \$       |
| 147            | 2,520           | 147            | 2,520           | For filing a request for reexam  | \$       |
| 112            | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                     | \$       |
| 113            | 1,840*          | 113            | 1,840*          | Requesting publication of SIR after Examiner action                        | \$       |
| 115            | 110             | 215            | 55              | Extension for reply within 1st month                                       | \$       |
| 116            | 380             | 216            | 190             | Extension for reply within 2nd month                                       | \$       |
| 117            | 870             | 217            | 435             | Extension for reply within 3rd month                                       | \$       |
| 118            | 1,360           | 218            | 680             | Extension for reply within 4th month                                       | \$       |
| 128            | 1,850           | 228            | 925             | Extension for reply within 5th month                                       | \$       |
| 119            | 300             | 219            | 150             | Notice of Appeal   | \$       |
| 120            | 300             | 220            | 150             | Filing a brief in support of an appeal                                     | \$       |
| 121            | 260             | 221            | 130             | Request for oral hearing   | \$       |
| 138            | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              | \$       |
| 140            | 110             | 240            | 55              | Petition to revive - unavoidable   | \$       |
| 141            | 1,210           | 241            | 605             | Petition to revive - unintentional   | \$       |
| 142            | 1,210           | 242            | 605             | Utility issue fee (or reissue)   | \$       |
| 143            | 430             | 243            | 215             | Design issue fee   | \$       |
| 144            | 580             | 244            | 290             | Plant issue fee  | \$       |
| 122            | 130             | 122            | 130             | Petitions to the Commissioner  | \$       |
| 123            | 50              | 123            | 50              | Petitions related to provisional apps.                                     | \$       |
| 126            | 240             | 126            | 240             | Submission of Information Dis. Stmt.                                       | \$       |
| 581            | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) | \$ 40.00 |
| 146            | 760             | 246            | 380             | Filing a submission after final rejection (37 CFR 1.129(a))                | \$       |
| 149            | 760             | 249            | 380             | For each additional invention to be examined (37 CFR 1.129(b))             | \$       |

Other fee (specify) \_\_\_\_\_ \$

Other fee (specify) \_\_\_\_\_ \$

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) \$****Check #739089 in the amount of \$1,244.00 is enclosed for filing fee, plus additional claims;****Check #739090 in the amount of \$40.00 is enclosed for the Assignment Recordation.**

Complete (if applicable)

Typed or Printed Name **PAUL N. KATZ**Registration Number **35,917**

Signature

*Paul N. Katz*

Date

**May 25, 2001**

Deposit Account User ID